NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98

Major F - Final Effluent

Address: 6300 US HWY 12, MS AE-1 PORTAGE, IN 46368-1287

U.S. STEEL CORPORATION MIDWEST PLANT

IN 0000337 PERMIT NUMBER

002 A DISCHARGE NUMBER

30

DAY YEAR

17

MONITORING PERIOD Facility: U.S. STEEL CORP, MIDWEST PLANT Location: PORTAGE, IN 46368-1287 MO DAY YEAR МО MR MARK HENRY TO Attn: **FROM** 17 4

* * * NO DISCHARGE:

REVISED:

NOTE: Read instructions before completing this form.

PARAMETER		QL	ANTITY OR LOADING			QUALITY OR CONC	ENTRATION		NO.	FREQUENCY		MPLE
PARAWIETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TY	YPE
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	*****	****	******	****	63.6	69.2	(15)	0	CONTIN	CON	NTIN
00011 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	****	****		****	REPORT MO AVG	REPORT DAILY MAX	°F		5 / WEEK	GF	RAB
PH	SAMPLE MEASUREMENT	****	*****	*****	7.3	****	7.8	(12)	0	WEEKLY	GF	RAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	****		6.0 DAILY MIN	****	9.0 DAILY MAX	SU		WEEKLY	GF	RAB
OIL & GREASE, HEXANE EXTR METHOD	SAMPLE MEASUREMENT	****	*****	*****	****	****	< 1.3	(19)	0	WEEKLY	GF	RAB
00552 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	****		*****	****	REPORT DAILY MAX	MG/L		WEEKLY	GF	RAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.155	0.637	(03)	****	****	****	*****	0	CONTIN	CO	NTIN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	MGD	*****	****	*****			WEEKLY	TOT	TALZ
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	NA	NA	(26)	****	NA	NA	(19)	0	N/A	N	N/A
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.04 MO AVG	0.26 DAILY MAX	LBS/DAY	****	0.01 MO AVG	0.06 DAILY MAX	MG/L		DAILY	GF	RAB
FLOW, TOTAL	SAMPLE MEASUREMENT	****	4.65	(3R)	****	****	****	*****	0	MONTHLY	RCC	отот
82220 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	****	REPORT MO TOTAL	MGAL	*****	****	****			MONTHLY	RCC	отот
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIV			t this document and all atta						TELEPHON	E	DATE	
Joseph E. Hannir Manager Environmenta	properly who ma I Control informal I am aw	gather and evaluate the nage the system, or thos tion submitted is, to the	lance with a system design information submitted. Ba e persons directly responsi best of my knowledge and cant penalties for submittin the for knowing violations.	sed on my inquiry of the for gathering the belief, true, accurate	f the persons e information the e, and complete.			219	888-4	1500 5	21	17
TYPED OR PRINTEI	· ·	.,	g violations				INCIPAL EXECUTIVE THORIZED AGENT	AREA CODE	NUMI	BER MO	DAY	YEAF

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) Highlighted Monthly Average values are the result of LOQ based calculations.

INDUSTRIAL MAJOR PORTAGE/PORTER COUNTY

Facility:

Attn:

Facility Name/Location if different)

U.S. STEEL CORPORATION MIDWEST PLANT Name:

U.S. STEEL CORP. MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

Location: PORTAGE, IN 46368-1287

MR MARK HENRY

PORTAGE, IN 46368-1287

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

MO

4

IN 0000337 PERMIT NUMBER

17

MO DAY YEAR

FROM

possibility of fine or imprisonment for knowing violations.

MONITORING PERIOD

TO

003 A DISCHARGE NUMBER

30

DAY YEAR

17

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

REVISED: * * * NO DISCHARGE: NOTE: Read instructions before completing this form.

QUANTITY OR LOADING QUALITY OR CONCENTRATION SAMPLE NO. **FREQUENCY PARAMETER** OF ANALYSIS EX TYPE **AVERAGE** MAXIMUM UNITS MINIMUM **AVERAGE MAXIMUM** UNITS SAMPLE ***** ***** ***** TEMPERATURE, WATER 54.1 61.7 0 CONTIN CONTIN (15)DEG. FAHRENHEIT **MEASUREMENT PERMIT** **** ***** ***** REPORT 00011 1 0 0 **REPORT** ۰F 5 / WEEK **GRAB** REQUIREMENT EFFLUENT GROSS VALUE MO AVG **DAILY MAX** SAMPLE ***** ***** ***** 7.5 7.8 (12)0 WEEKLY **GRAB MEASUREMENT PERMIT** ***** ***** ***** 6.0 9.0 00400 1 0 0 SU WEEKLY **GRAB** REQUIREMENT **DAILY MAX EFFLUENT GROSS VALUE** DAILY MIN SAMPLE OIL & GREASE 1.3 (19)0 WEEKLY GRAB MEASUREMENT HEXANE EXTR METHOD PERMIT ***** ***** 00552 1 0 0 ***** ***** **RFPORT** MG/L WEEKLY **GRAB** REQUIREMENT EFFLUENT GROSS VALUE **DAILY MAX** ***** ***** FLOW, IN CONDUIT OR SAMPLE 14.54 15.55 0 CONTIN CONTIN (03)MEASUREMENT THRU TREATMENT PLANT PERMIT ***** ***** ***** **REPORT REPORT** 50050 1 0 0 MGD **WEEKLY TOTALZ** REQUIREMENT EFFLUENT GROSS VALUE MO AVG **DAILY MAX** CHLORINE, TOTAL SAMPLE NA ***** NA NA NA (19)0 N/A N/A (26)MEASUREMENT RESIDUAL **PERMIT** 1.14 6.82 ***** 0.01 0.06 50060 1 0 0 LBS/DAY MG/L DAILY **GRAB** REQUIREMENT **EFFLUENT GROSS VALUE** MO AVG **DAILY MAX** MO AVG **DAILY MAX** SAMPLE ***** ***** ***** FLOW, TOTAL 436.10 **MONTHLY RCOTOT** (3R) MEASUREMENT ***** ***** ***** +++++ 82220 1 0 0 PERMIT **REPORT** +++++ MGAL MONTHLY **RCOTOT** REQUIREMENT **EFFLUENT GROSS VALUE** MO TOTAL SAMPLE **MEASUREMENT** PERMIT NONE REQUIREMENT NAME/TITLE PRINCIPAL EXECUTIVE OFFICER certify under penalty of law that this document and all attachments were prepared under my **TELEPHONE** DATE direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons Joseph E. Hanning who manage the system, or those persons directly responsible for gathering the information the 219 888-4500 5 21 17 information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Manager Environmental Control am aware that there are significant penalties for submitting false information, including the

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) Highlighted Monthly Average values are the result of LOQ based calculations.

INDUSTRIAL MAJOR PORTAGE/PORTER COUNTY

DAY

YEAR

TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

MO

AREA

NUMBER

Facility Name/Location if different)

Facility:

Attn:

Name: U.S. STEEL CORPORATION MIDWEST PLANT

U.S. STEEL CORP, MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

Location: PORTAGE, IN 46368-1287

MR MARK HENRY

PORTAGE, IN 46368-1287

MONITORING PERIOD

TO

IN 0000337 PERMIT NUMBER

MO DAY YEAR

17

FROM

possibility of fine or imprisonment for knowing violations.

004 A
DISCHARGE NUMBER

30

DAY YEAR

17

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MO

Form Approved
OMB No. 2040-0004
Approval Expires 5-31-98

NOTE: Read instructions before completing this form.

ARFA

CODE

NUMBER

Major F - Final Effluent

* I N 0 0 0 0 3 3 7 0 0 4 A 0 4 1 7 *

*** NO DISCHARGE: REVISED: *

QUALITY OR CONCENTRATION QUANTITY OR LOADING NO. **FREQUENCY** SAMPLE **PARAMETER** OF ANALYSIS EX **TYPE** MAXIMUM UNITS **AVERAGE** MAXIMUM UNITS MINIMUM **AVERAGE** TEMPERATURE, WATER SAMPLE ***** ***** ***** 65.8 74.6 0 CONTIN CONTIN (15)DEG. FAHRENHEIT **MEASUREMENT** ***** ***** 00011 1 0 0 PERMIT ***** **RFPORT RFPORT** °F 5 / WEEK **GRAB** REQUIREMENT EFFLUENT GROSS VALUE **DAILY MAX** MO AVG ***** ***** SAMPLE 7.9 7.4 (12)0 5 / WEEK GRAB **MEASUREMENT** ***** **PERMIT** ***** ***** ***** 00400 1 0 0 6.0 9.0 SU 5 / WEEK **GRAB** EFFLUENT GROSS VALUE REQUIREMENT **DAILY MAX DAILY MIN** OIL & GREASE. SAMPLE 0 406.33 O 2.9 5 / WEEK (26)(19)0 GRAB MEASUREMENT HEXANE EXTR METHOD ***** **PERMIT** 00552 1 0 0 REPORT **REPORT** REPORT REPORT LBS/DAY MG/L 5 / WEEK **GRAB** EFFLUENT GROSS VALUE REQUIREMENT MO AVG **DAILY MAX** MO AVG **DAILY MAX** ***** SAMPLE CYANIDE, WEAK ACID. 0.12 0.0010 0 2 / MONTH **GRAB** (26)(19)DISSOCIABLE MEASUREMENT 00718 1 0 0 **PERMIT** 1.2 2.1 ***** 0.0075 0.013 LBS/DAY 2 / MONTH MG/L GRAB REQUIREMENT **DAILY MAX** EFFLUENT GROSS VALUE MO AVG MO AVG **DAILY MAX** ***** SILVER, SAMPLE 0.00 0.01 0.00 0.070 (28)0 2 / MONTH COMP24 (26)TOTAL RECOVERABLE **MEASUREMENT PERMIT** 0.012 0.10 0.076 0.64 01079 1 0 0 LBS/DAY UG/L 2 / MONTH COMP24 REQUIREMENT EFFLUENT GROSS VALUE MO AVG **DAILY MAX** MO AVG **DAILY MAX** SAMPLE ***** CADMIUM. 0.01 0.000070 2 / MONTH (26)(19)COMP24 **MEASUREMENT** TOTAL RECOVERABLE **PERMIT** 1.2 2.1 0.0077 0.013 01113 1 0 0 LBS/DAY MG/L 2 / MONTH COMP24 EFFLUENT GROSS VALUE REQUIREMENT MO AVG DAILY MAX MO AVG **DAILY MAX** SAMPLE COPPER, 0.30 0.35 0.0025 0.0030 (19)COMP24 (26)0 2 / MONTH TOTAL RECOVERABLE MEASUREMENT **PERMIT** 01119 1 0 0 4.7 8.2 ***** 0.030 0.052 LBS/DAY MG/L 2 / MONTH COMP24 REQUIREMENT EFFLUENT GROSS VALUE MO AVG DAILY MAX MO AVG **DAILY MAX** NAME/TITLE PRINCIPAL EXECUTIVE OFFICER certify under penalty of law that this document and all attachments were prepared under my TELEPHONE DATE direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons Joseph E. Hanning who manage the system, or those persons directly responsible for gathering the information the 219 888-4500 5 21 17 information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Manager Environmental Control am aware that there are significant penalties for submitting false information, including the

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PORTAGE/PORTER COUNTY

DAY

INDUSTRIAL MAJOR

YEAR

TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

Facility:

Attn:

Facility Name/Location if different)

Name: U.S. STEEL CORPORATION MIDWEST PLANT

U.S. STEEL CORP, MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

Location: PORTAGE, IN 46368-1287

MR MARK HENRY

PORTAGE, IN 46368-1287

N I

FROM

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

МО

MONITORING PERIOD

TO

IN 0000337 PERMIT NUMBER

MO DAY YEAR

17

004 A
DISCHARGE NUMBER

30

DAY YEAR

17

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

*** NO DISCHARGE: REVISED: **

NOTE: Read instructions before completing this form.

PARAMETER		QU	ANTITY OR LOADING			QUALITY OR CONCE	ENTRATION		NO.	FREQUEN	ICY	SAM	IPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALY	'SIS	TY	PE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	15.57	18.26	(03)	****	*****	****	*****	0	CONTI	N	CON	JTIN
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	MGD	*****	****	****			5 / WE	ΕK	ТОТ	ALZ
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	NA	NA	(26)	*****	NA	NA	(19)	0	N/A		N	/A
50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.3 MO AVG	9.51 DAILY MAX	LBS/DAY	*****	0.01 MO AVG	0.02 DAILY MAX	MG/L		DAILY	,	GR	AB
MERCURY, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	0.00003	(26)	*****	0	0.28	(3M)	0	6 / YEA	.R	GR	:AB
71900 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT MO AVG	REPORT DAILY MAX	NG/L		6 / YEA	.R	GR	RAB
FLOW, TOTAL	SAMPLE MEASUREMENT	*****	467.20	(3R)	*****	****	****	*****	0	MONTH	LY	RCO	тот
82220 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	REPORT MO TOTAL	MGAL	*****	****	****			MONTH	LY	RCO	тот
NICKEL TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	0.33	(26)		0	0.0027	(19)	0	2 / MON	TH	COM	1P24
01074 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT MO AVG	REPORT DAILY MAX	MG/L		2 / MON	TH	COM	1P24
LEAD TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	0.02	(26)		0	0.00020	(19)	0	2 / MON	TH	COM	1P24
01114 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	*****	REPORT MO AVG	REPORT DAILY MAX	MG/L		2 / MON	TH	COM	1P24
	SAMPLE MEASUREMENT												
NONE	PERMIT REQUIREMENT												
NAME/TITLE PRINCIPAL EXECUTIV		this document and all attac		,				TELEPHON	E		DATE		
Joseph E. Hannir Manager Environmenta	ng properly who mainformat am awar	gather and evaluate the nage the system, or those ion submitted is, to the b	ance with a system designer information submitted. Base e persons directly responsible est of my knowledge and be not penalties for submitting for the knowling violations.	ed on my inquiry on le for gathering the elief, true, accurate	of the persons e information the e, and complete. I			219	888-4	1500	5	21	17
TYPED OR PRINTED		y or time or imprisoriment	. To: Knowling violations.			SIGNATURE OF PRI OFFICER OR AUT		AREA CODE	NUM	BER N	ИΟ	DAY	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Highlighted Monthly Average values are the result of LOQ based calculations.

PORTAGE/PORTER COUNTY

INDUSTRIAL MAJOR

Location: PORTAGE, IN 46368-1287

MR MARK HENRY

Facility:

Attn:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MO

4

MONITORING PERIOD

TO

17

DISCHARGE MONITORING REPORT (DMR)

Name: U.S. STEEL CORPORATION MIDWEST PLANT Address: 6300 US HWY 12, MS AE-1

U.S. STEEL CORP, MIDWEST PLANT

PORTAGE, IN 46368-1287

IN 0000337 PERMIT NUMBER

MO DAY YEAR

FROM

104 A
DISCHARGE NUMBER

30

DAY YEAR

17

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

* I N 0 0 0 0 3 3 7 1 0 4 A 0 4 1 7 *

*** NO DISCHARGE: REVISED:

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PARAMETER		QL	JANTITY OR LOADING			QUALITY OR CONCE	ENTRATION		NO.	FREQU	ENCY	SAM	IPLE
PARAWIETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANA	LYSIS	TYI	PE
PH	SAMPLE MEASUREMENT	****	*****	*****	7.6	****	8.2	(12)	0	5 / W	EEK	GR	RAB
00400 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	****	****		REPORT DAILY MIN	****	REPORT DAILY MAX	SU		5 / W	EEK	GR	RAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	148.5	701.9	(26)	****	2.3	13	(19)	0	5 / W	EEK	COM	/IP24
00530 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / W	EEK	COM	/IP24
OIL & GREASE, HEXANE EXTR METHOD	SAMPLE MEASUREMENT	****	179.5	(26)	****	0	2.5	(19)	0	5 / W	EEK	3GR	:24H
00552 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	****	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / W	EEK	3GR	.24H
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT	0	< 0.18	(26)	****	0	< 0.0020	(19)	0	5 / W	EEK	GR	RAB
00720 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / W	EEK	GR	RAB
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT	13.85	13.85	(26)	****	0.20	0.20	(19)	0	МОМТ	HLY	COM	/IP24
00951 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		МОМТ	HLY	COM	/IP24
NICKEL, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0.30	0.30	(26)	****	0.0043	0.0043	(19)	0	МОМТ	HLY	COM	/IP24
01067 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		МОМТ	HLY	COM	1P24
SILVER, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	< 0.005	(26)	****	0	< 0.000070	(19)	0	МОМТ	HLY	COM	/IP24
01079 R 0 0 SEE COMMENTS	REPORT DAILY MAX	MG/L		MONT	HLY	COM	/IP24						
NAME/TITLE PRINCIPAL EXECUTIV			t this document and all attac			•			TELEPHON	IE		DATE	
· •	Joseph E. Hanning Manager Environmental Control Manager Envi									4500	5	21	17
TYPED OR PRINTE	· ·					SIGNATURE OF PRII OFFICER OR AUT		AREA CODE	NUM	BER	МО	DAY	YEAR
COMMENT AND EXPLANATION OF	ANY VIOLATIONS (Ref	erence all attachment	ts here)			2			•		INDU	JSTRIAL	MAJOR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

PORTAGE/PORTER COUNTY

Facility Name/Location if different)

Name: U.S. STEEL CORPORATION MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

PORTAGE, IN 46368-1287

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Approval Expires 5-31-98

Major F - Final Effluent

IN 0000337 PERMIT NUMBER 104 A DISCHARGE NUMBER

* I N O O O O 3 3 7 1 O 4 A O 4 1 7 *

Facility: U.S. STEEL CORP, MIDWEST PLANT

Location: PORTAGE, IN 46368-1287 Attn: MR MARK HENRY
 MONITORING PERIOD

 MO
 DAY
 YEAR
 MO
 DAY
 YEAR

 FROM
 4
 1
 17
 TO
 4
 30
 17

*** NO DISCHARGE: REVISED: **

NOTE: Read instructions before completing this form.

PARAMETER		QU	IANTITY OR LOADING			QUALITY OR CONCE	ENTRATION		NO.	FREQU	JENCY	SAM	IPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF AN	ALYSIS	TY	PE
ZINC, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0.86	1.64	(26)	****	0.012	0.020	(19)	0	5 / V	VEEK	COM	/IP24
01094 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / V	VEEK	COM	/IP24
CADMIUM, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	< 0.005	(26)	****	0	< 0.000070	(19)	0	MON	THLY	COM	1P24
01113 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MON	THLY	COM	/IP24
LEAD, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	0.016	(26)	****	0	0.00023	(19)	0	MON	THLY	COM	1P24
01114 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MON	THLY	COM	1P24
CHROMIUM, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	11.29482	157.47015	(26)	****	0.19781	3.00000	(19)	0	5 / V	VEEK	COM	1P24
01118 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / V	VEEK	COM	1P24
COPPER, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0.33	0.33	(26)	****	0.0048	0.0048	(19)	0	MON	THLY	COM	1P24
01119 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MON	THLY	COM	/IP24
CHROMIUM, HEXAVALENT DISSOLVED (AS CR)	SAMPLE MEASUREMENT	45.24	902.83	(26)	****	0.86	17.2	(19)	0	WEI	EKLY	GR	RAB
01220 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		WE	EKLY	GR	RAB
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT	****	< 0.02	(26)	****	0	< 0.00027	(19)	0	MON	THLY	GR	RAB
34475 R 0 0 SEE COMMENTS	REPORT MO AVG	REPORT DAILY MAX	MG/L		MON	THLY	GR	RAB					
NAME/TITLE PRINCIPAL EXECUTIV				-	TELEPHON	ΝE		DATE					
Joseph E. Hannir Manager Environmenta	ng properly who mar informati am awar	gather and evaluate the nage the system, or those ion submitted is, to the b	ance with a system designed information submitted. Base e persons directly responsibl eest of my knowledge and be int penalties for submitting fa t for knowing violations.	ed on my inquiry o e for gathering the elief, true, accurate	f the persons e information the e, and complete. I			219	888-	4500	5	21	17
TYPED OR PRINTEI		,	-			SIGNATURE OF PRI OFFICER OR AUT		AREA CODE	NUM	1BER	MO	DAY	YEAR
COMMENT AND EXPLANATION OF A	ANY VIOLATIONS (Refe	erence all attachment	s here)		•	22 31(10)		1			INDU	JSTRIAL	MAJOR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

PORTAGE/PORTER COUNTY

Facility Name/Location if different)

Name: U.S. STEEL CORPORATION MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

PORTAGE, IN 46368-1287

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

IN 0000337 PERMIT NUMBER 104 A DISCHARGE NUMBER

* I N O O O O 3 3 7 1 O 4 A O 4 1 7 *

Facility: U.S. STEEL CORP, MIDWEST PLANT

Location: PORTAGE, IN 46368-1287 Attn: MR MARK HENRY
 MONITORING PERIOD

 MO
 DAY
 YEAR
 MO
 DAY
 YEAR

 FROM
 4
 1
 17
 TO
 4
 30
 17

* * * NO DISCHARGE: REVISED: NOTE: Read instructions before completing this form.

PARAMETER		QL	JANTITY OR LOADING			QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAM	/IPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TY	PE
NAPHTHALENE	SAMPLE MEASUREMENT	*****	< 0.007	(26)	*****	****	< 0.00010	(19)	0	MONTHLY	GF	RAB
34696 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	****	REPORT DAILY MAX	LBS/DAY	*****	****	REPORT DAILY MAX	MG/L		MONTHLY	GF	RAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	8.89	11.27	(03)	*****	****	****	*****	0	DAILY	TOT	TALZ
50050 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	MGD	*****	****	*****			5 / WEEK	TOT	TALZ
TOTAL TOXIC ORGANICS (TTO)	SAMPLE MEASUREMENT		NA	(26)	*****	****	NA	(19)	0	NA	N	NΑ
78224 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	****	REPORT DAILY MAX	LBS/DAY	*****	****	REPORT DAILY MAX	MG/L		MONTHLY	CON	MP24
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIV	t this document and all attac						relephon	E	DATE			
Joseph E. Hannii Manager Environmenta	ng proper who man aw	ly gather and evaluate the nanage the system, or thos ation submitted is, to the b	ance with a system designer information submitted. Base e persons directly responsible best of my knowledge and but int penalties for submitting for the for knowing violations.	ed on my inquiry on le for gathering the elief, true, accurat	of the persons the information the te, and complete. I			219	888-4	1500 5	21	17
TYPED OR PRINTE	· ·	,	, , , , , , , , , , , , , , , , , , ,				INCIPAL EXECUTIVE FHORIZED AGENT	AREA CODE	NUMI	BER MO	DAY	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

PORTAGE/PORTER COUNTY

INDUSTRIAL MAJOR

Location: PORTAGE, IN 46368-1287

MR MARK HENRY

Facility:

Attn:

Facility Name/Location if different) U.S. STEEL CORPORATION MIDWEST PLANT

U.S. STEEL CORP, MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

PORTAGE, IN 46368-1287

IN 0000337 PERMIT NUMBER

FROM

MO DAY YEAR

17

204 A DISCHARGE NUMBER

30

DAY YEAR

17

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

MO

MONITORING PERIOD

TO

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98

Major F - Final Effluent

* * * NO DISCHARGE: REVISED: NOTE: Read instructions before completing this form.

PARAMETER		QL	ANTITY OR LOADING			QUALITY OR CONCE	NTRATION		NO.	FREQUENC	SAN	MPLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSI	S TY	YPE
PH	SAMPLE MEASUREMENT	****	****	*****	7.4	****	8.6	(12)	0	5 / WEEK	GF	RAB
00400 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	****	****		REPORT DAILY MIN	****	REPORT DAILY MAX	SU		5 / WEEK	GF	RAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	19	205	(26)	****	21	300	(19)	0	5 / WEEK	CON	MP24
00530 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / WEEK	CON	MP24
OIL & GREASE, HEXANE EXTR METHOD	SAMPLE MEASUREMENT	****	5.10	(26)	****	0	2.7	(19)	0	5 / WEEK	3GF	R24H
00552 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	****	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / WEEK	3GF	R24H
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT	0	0.01	(26)	****	0	0.0024	(19)	0	5 / WEEK	GF	RAB
00720 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / WEEK	GF	RAB
FLUORIDE, TOTAL (AS F)	SAMPLE MEASUREMENT	1.30	1.30	(26)	****	1.1	1.1	(19)	0	MONTHLY	CON	MP24
00951 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MONTHLY	CON	MP24
NICKEL, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0.01	0.01	(26)	****	0.0047	0.0047	(19)	0	MONTHLY	CO	MP24
01067 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MONTHLY	CON	MP24
SILVER, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	< 0.0001	(26)	****	0	< 0.000070	(19)	0	MONTHLY	CO	MP24
01079 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MONTHLY	CON	MP24
NAME/TITLE PRINCIPAL EXECUTIVE	,	, ,	this document and all attack ance with a system designed		,			T	ELEPHON	E	DATE	
Joseph E. Hannin Manager Environmental	properly manage informa am awa	gather and evaluate the the system, or those per- tion submitted is, to the b	information submitted. Base sons directly responsible for est of my knowledge and be nt penalties for submitting fa	d on my inquiry of gathering the info elief, true, accurate	f the persons who ormation the e, and complete. I			219	888-4	1500 5	21	17
TYPED OR PRINTED)	,	J .			SIGNATURE OF PRIN OFFICER OR AUTI		AREA CODE	NUME		DAY	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

INDUSTRIAL MAJOR PORTAGE/PORTER COUNTY

Facility:

Attn:

Facility Name/Location if different)

Name: U.S. STEEL CORPORATION MIDWEST PLANT

U.S. STEEL CORP, MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

Location: PORTAGE, IN 46368-1287

MR MARK HENRY

PORTAGE, IN 46368-1287

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

МО

MONITORING PERIOD

TO

IN 0000337
PERMIT NUMBER

MO DAY YEAR

17

FROM

204 A DISCHARGE NUMBER

30

DAY YEAR

17

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

*** NO DISCHARGE: REVISED: **

NOTE: Read instructions before completing this form.

PARAMETER		QU	ANTITY OR LOADING			QUALITY OR CONCE	ENTRATION		NO.	FREQUEN	CY	SAMI	PLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALY	SIS	TYF	Æ.
ZINC, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	< 0.029	0.233	(26)	****	< 0.028	0.34	(19)	0	5 / WEE	<	COM	P24
01094 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / WEE	<	СОМ	P24
CADMIUM, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	< 0.0001	(26)	****	0	< 0.000070	(19)	0	MONTHL	Υ	COM	P24
01113 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MONTHL	Y	COM	P24
LEAD, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0	0.0002	(26)	****	0	0.00016	(19)	0	MONTHL	Y	COM	P24
01114 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MONTHL	Y	COM	P24
CHROMIUM, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	2.68	46.53	(26)	****	3.6	68	(19)	0	5 / WEE	<	COM	P24
01118 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		5 / WEE	<	COM	P24
COPPER, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	0.009	0.009	(26)	****	0.0077	0.0077	(19)	0	MONTHL	Y	COM	P24
01119 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		MONTHL	Y	COM	P24
CHROMIUM, HEXAVALENT DISSOLVED (AS CR)	SAMPLE MEASUREMENT	0.0001	0.0008	(26)	****	0.000053	0.00055	(19)	0	WEEKL	,	GRA	Ч В
01220 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	LBS/DAY	****	REPORT MO AVG	REPORT DAILY MAX	MG/L		WEEKL	,	GRA	AВ
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT	****	< 0.0003	(26)	****	0	< 0.00027	(19)	0	MONTHL	Υ	GRA	∤ B
34475 R 0 0 PERMIT ****** REPORT LBS/DAY SEE COMMENTS REQUIREMENT DAILY MAX						REPORT MO AVG	REPORT DAILY MAX	MG/L		MONTHL	Υ	GRA	AВ
NAME/TITLE PRINCIPAL EXECUTIVE	,	, ,	this document and all attac		,			7	ELEPHON	E	D/	ATE	
Joseph E. Hannir Manager Environmental	properly manage informa am awa	gather and evaluate the the system, or those perstion submitted is, to the b	ance with a system designed information submitted. Base sons directly responsible for est of my knowledge and be nt penalties for submitting fa for knowing violations.	ed on my inquiry of gathering the info elief, true, accurat	of the persons who prmation the e, and complete. I			219	888-4	1500	; :	21	17
TYPED OR PRINTED		,	©			SIGNATURE OF PRI OFFICER OR AUT		AREA CODE	NUM	BER M	ı c	DAY	YEAR
COMMENT AND EXPLANATION OF A	ANY VIOLATIONS (Re	ference all attachment	s here)			2020701					INDUST	TRIAL	MAJOR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

PORTAGE/PORTER COUNTY

Facility Name/Location if different)

Facility:

Location:

U.S. STEEL CORPORATION MIDWEST PLANT Name:

U.S. STEEL CORP, MIDWEST PLANT

Address: 6300 US HWY 12, MS AE-1

PORTAGE, IN 46368-1287

PORTAGE, IN 46368-1287

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MO

MONITORING PERIOD

DISCHARGE MONITORING REPORT (DMR)

IN 0000337 PERMIT NUMBER

MO DAY YEAR

204 A	
DISCHARGE NUMBER	

DAY YEAR

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

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* * * NO DISCHARGE: REVISED: NOTE: Read instructions before completing this form.

MR MARK HENRY **FROM** 17 TO 30 17 Attn: QUANTITY OR LOADING QUALITY OR CONCENTRATION NO. **FREQUENCY** SAMPLE **PARAMETER** EX OF ANALYSIS **TYPE** AVERAGE **MAXIMUM** UNITS MINIMUM **MAXIMUM** UNITS **AVERAGE** ***** ***** ***** NAPHTHALENE SAMPLE 0.0001 0.00010 (19)0 **MONTHLY GRAB** (26)**MEASUREMENT** ***** ***** ***** 34696 R 0 0 **PERMIT REPORT** REPORT LBS/DAY MG/L **MONTHLY GRAB** REQUIREMENT SEE COMMENTS **DAILY MAX DAILY MAX** FLOW, IN CONDUIT OR SAMPLE ***** ***** ***** 0.197 0.391 (03)0 DAILY **TOTALZ** THRU TREATMENT PLANT MEASUREMENT PERMIT ***** ***** +++++ 50050 R 0 0 REPORT REPORT MGD 5 / WEEK **TOTALZ** REQUIREMENT SEE COMMENTS MO AVG **DAILY MAX** **** ***** TOTAL TOXIC ORGANICS SAMPLE NA NA (19)0 (26)NA NA (TTO) **MEASUREMENT PERMIT** ***** ***** REPORT REPORT 78224 R 0 0 LBS/DAY MG/L MONTHLY COMP24 SEE COMMENTS REQUIREMENT **DAILY MAX DAILY MAX** SAMPLE **MEASUREMENT** PERMIT NONE REQUIREMENT SAMPLE **MEASUREMENT** PERMIT NONE REQUIREMENT SAMPLE MEASUREMENT **PERMIT** NONE REQUIREMENT SAMPLE **MEASUREMENT** PERMIT NONE REQUIREMENT certify under penalty of law that this document and all attachments were prepared under my NAME/TITLE PRINCIPAL EXECUTIVE OFFICER **TELEPHONE** DATE direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who Joseph E. Hanning manage the system, or those persons directly responsible for gathering the information the 219 888-4500 5 21 17 nformation submitted is, to the best of my knowledge and belief, true, accurate, and complete. Manager Environmental Control am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations. SIGNATURE OF PRINCIPAL EXECUTIVE AREA TYPED OR PRINTED NUMBER DAY YEAR OFFICER OR AUTHORIZED AGENT

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

PORTAGE/PORTER COUNTY

INDUSTRIAL MAJOR

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

Name: U.S. STEEL CORPORATION MIDWEST PLANT Address: 6300 US HWY 12, MS AE-1

IN 0000337
PERMIT NUMBER

304 A DISCHARGE NUMBER

* I N O O O O 3 3 7 3 O 4 A O 4 1 7 *

Facility: U.S. STEEL CORP, MIDWEST PLANT

PORTAGE, IN 46368-1287

Location: PORTAGE, IN 46368-1287 Attn: MR MARK HENRY
 MONITORING PERIOD

 MO
 DAY
 YEAR
 MO
 DAY
 YEAR

 FROM
 4
 1
 17
 TO
 4
 30
 17

*** NO DISCHARGE: REVISED: *
NOTE: Read instructions before completing this form.

AVERAGE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS EX OF ANALYSIS	PARAMETER		QL	ANTITY OR LOADING			QUALITY OR CONCE	ENTRATION		NO.	FREQUE	ICY	SAM	PLE
SOUTH SOUT	PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALY	'SIS	TYF	PΕ
SEE COMMENTS REQUIREMENT MO AVG DAILY MAX LBS/DAY MO AVG DAILY MAX MG/L S / WEEK		_	184	727	(26)	****	2.7	13	(19)	0	5 / WEI	ΕK	COM	P24
DIL & GREASE SAMPLE 179.8 (26) 0 2.5 (19) 0 5 / WEEK					LBS/DAY	****			MG/L		5 / WEI	ΕK	COM	.P24
SEE COMMENTS REQUIREMENT DAILY MAX LBS/DAY MO AVG DAILY MAX MG/L 5 / WEEK	OIL & GREASE,		****		(26)	****			(19)	0	5 / WEI	ΕK	3GR	 24H
MASUREMENT SAMPLE			****		LBS/DAY	****			MG/L		5 / WEI	EK	3GR	24H
SEE COMMENTS REQUIREMENT MO AVG DAILY MAX LBS/DAY MO AVG DAILY MAX MG/L 5 / WEEK FLUORIDE, TOTAL (AS F) SAMPLE MEASUREMENT 0.22 0.22 0.22 0.22 0.22 0.22 0.22 0.2	CYANIDE, TOTAL (AS CN)	MEASUREMENT	0	< 0.18	(26)	****	0	< 0.0020	(19)	0	5 / WEI	EK	GR	AB
Comment Comm					LBS/DAY	****			MG/L		5 / WEI	EK	GR	AB
SEE COMMENTS REQUIREMENT MO AVG DAILY MAX LBS/DAY MO AVG DAILY MAX MG/L MONTHLY NICKEL, TOTAL RECOVERABLE O1067 R 0 0 PERMIT REPORT REPORT REPORT LBS/DAY SILVER, TOTAL RECOVERABLE O1079 R 0 0 PERMIT REPORT REPORT DAILY MAX SILVER, TOTAL RECOVERABLE O1079 R 0 0 PERMIT REPORT REPORT LBS/DAY O1079 R 0 0 PERMIT REPORT REPORT REPORT MONTHLY SEE COMMENTS SILVER, TOTAL RECOVERABLE O1079 R 0 0 PERMIT REPORT REPORT LBS/DAY MO AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1079 R 0 0 PERMIT REPORT REPORT REPORT REPORT REPORT MONTHLY SEE COMMENTS REQUIREMENT MO AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1079 R 0 0 PERMIT REPORT REPORT REPORT REPORT MONTHLY SEE COMMENTS REQUIREMENT MO AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT REPORT REPORT REPORT REPORT REPORT MONTHLY SEE COMMENTS REQUIREMENT MO AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT ON AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT ON AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT ON AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT ON AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT ON AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT ON AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1094 R 0 0 PERMIT ON AVG DAILY MAX SILVER, TOTAL REPORT REPORT REPORT MONTHLY TELEPHONE DAILY MAX SILVER, MONTHLY MONTHL	LUORIDE, TOTAL (AS F)	_	15.16	15.16	(26)	****	0.22	0.22	(19)	0	MONTH	LY	COM	P24
TOTAL RECOVERABLE O1067 R 0 0 SEE COMMENTS REQUIREMENT MO AVG DAILY MAX SILVER, TOTAL RECOVERABLE O1079 R 0 0 SEE COMMENTS SEE COMMENTS SAMPLE O1079 R 0 0 DAILY MAX SILVER, TOTAL RECOVERABLE O1079 R 0 0 DAILY MAX TELEPHONE TELEPHONE DAILY MAX TELEPHONE TE					LBS/DAY	****			MG/L		MONTH	LY	COM	.P24
SEE COMMENTS REQUIREMENT MO AVG DAILY MAX LBS/DAY MO AVG DAILY MAX MO AVG MONTHLY DO MONTHLY DO MONTHLY MO AVG DAILY MAX TELEPHONE DA TELEPHONE TELEPHONE DA TELEPHONE DA TELEPHONE TELEPHONE DA TELEPHONE TELEPHONE TELEPHONE DA TELEPHONE TELE	•		0.30	0.30	(26)	****	0.0043	0.0043	(19)	0	MONTH	LY	COM	.P24
TOTAL RECOVERABLE 01079 R 0 0 SEE COMMENTS REQUIREMENT MO AVG TOTAL RECOVERABLE 01079 R 0 0 SEE COMMENTS REQUIREMENT MO AVG DAILY MAX ZINC, TOTAL RECOVERABLE 01094 R 0 0 SEE COMMENTS REQUIREMENT MO AVG SEE COMMENTS NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly agher and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly again to accordance with a system designed to assure that qualified personnel properly again to accordance with a system designed to assure that qualified personnel properly again to accordance with a system designed to assure that qualified personnel properly again to accordance with a system designed to assure that qualified personnel properly again to accordance with a system designed to assure that qualified personnel properly agai					LBS/DAY	****			MG/L		MONTH	LY	СОМ	.P24
SEE COMMENTS REQUIREMENT MO AVG DAILY MAX LBS/DAY MO AVG DAILY MAX MG/L MONTHLY MO AVG DAILY MAX MG/L TELEPHONE DAILY MAX TELEPHONE TELEPHONE DAILY MAX TELEPHONE DAILY MAX TELEPHONE TELEPHONE DAILY MAX TELEPHONE TELEPHONE DAILY MAX TELEPHONE	•		0	< 0.005	(26)	****	0	< 0.000070	(19)	0	MONTH	LY	COM	.P24
TOTAL RECOVERABLE 01094 R 0 0 SEE COMMENTS NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Continuous co					LBS/DAY	****			MG/L		MONTH	LY	COM	.P24
SEE COMMENTS REQUIREMENT MO AVG DAILY MAX NAME/TITLE PRINCIPAL EXECUTIVE OFFICER It certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information supervision in accordance with a system designed to assure the properly gather and evaluate the information supervision in accordance with a system designed to a system of the		_	< 0.89	1.68	(26)	****	< 0.012	< 0.012	(19)	0	5 / WEI	EK	COM	.P24
direction or supervision in accordance with a system designed to assure that qualified personnel					LBS/DAY	****			MG/L		5 / WEI	ΕK	COM	.P24
properly gather and evaluate the information submitted. Based on my inquiry of the persons	NAME/TITLE PRINCIPAL EXECUTIVE	,	, ,			,			1	ELEPHON	E	[DATE	
Joseph E. Hanning Manager Environmental Control Who manage the system, or those persons directly responsible for gathering the information the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Joseph E. Hannin Manager Environmental	properly who ma informa am awa	y gather and evaluate the inage the system, or those tion submitted is, to the bure that there are significate.	information submitted. Base e persons directly responsible est of my knowledge and be nt penalties for submitting fa	ed on my inquiry on the for gathering the delief, true, accurat	of the persons he information the e, and complete. I			219	888-4	1500	5	21	17
CICNATURE OF PRINCIPAL EVECUTIVE ADEA	TYPED OR PRINTED		,							NUM	BER 1	ЛО	DAY	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

INDUSTRIAL MAJOR PORTAGE/PORTER COUNTY

Address:

Facility:

Attn:

Location:

6300 US HWY 12, MS AE-1

PORTAGE, IN 46368-1287

PORTAGE, IN 46368-1287

MR MARK HENRY

U.S. STEEL CORP. MIDWEST PLANT

U.S. STEEL CORPORATION MIDWEST PLANT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

МО

4

MONITORING PERIOD

TO

IN 0000337 PERMIT NUMBER

MO DAY YEAR

information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

am aware that there are significant penalties for submitting false information, including the

possibility of fine or imprisonment for knowing violations.

17

FROM

304 A DISCHARGE NUMBER

30

DAY YEAR

17

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98 Major F - Final Effluent

*** NO DISCHARGE: REVISED: **

NOTE: Read instructions before completing this form.

AREA

CODE

NUMBER

QUANTITY OR LOADING QUALITY OR CONCENTRATION NO. **FREQUENCY** SAMPLE **PARAMETER** OF ANALYSIS **TYPE** EX **AVERAGE MAXIMUM UNITS AVERAGE MAXIMUM** UNITS MINIMUM +++++ CADMIUM, SAMPLE 0 0.005 0 0.000070 (19) 0 MONTHLY COMP24 (26)TOTAL RECOVERABLE **MEASUREMENT** 01113 R 0 0 **PFRMIT** REPORT REPORT REPORT REPORT LBS/DAY MG/L **MONTHLY** COMP24 SEE COMMENTS REQUIREMENT MO AVG DAILY MAX MO AVG **DAILY MAX** ***** LEAD. SAMPLE 0 0.016 O 0.00023 (19)O **MONTHLY** COMP24 (26)TOTAL RECOVERABLE **MEASUREMENT** PERMIT 01114 R 0 0 **REPORT REPORT** REPORT **REPORT** LBS/DAY MG/L MONTHLY COMP24 SEE COMMENTS REQUIREMENT MO AVG **DAILY MAX** MO AVG **DAILY MAX** CHROMIUM, SAMPLE 13.97 204.0 ***** 0.24 3.8 3 5 / WEEK COMP24 (19)(26)TOTAL RECOVERABLE MEASUREMENT ***** 01118 R 0 0 **PERMIT** 10 30 RFPORT REPORT LBS/DAY MG/L 5 / WEEK COMP24 SEE COMMENTS REQUIREMENT MO AVG **DAILY MAX** MO AVG **DAILY MAX** COPPER. ***** SAMPLE 0.34 0.34 0.0049 0.0049 (19)0 MONTHLY COMP24 (26)TOTAL RECOVERABLE **MEASUREMENT** PERMIT ***** REPORT **REPORT REPORT** 01119 R 0 0 REPORT LBS/DAY MG/L **MONTHLY** COMP24 REQUIREMENT SEE COMMENTS MO AVG **DAILY MAX** MO AVG **DAILY MAX** CHROMIUM, HEXAVALENT SAMPLE 50.26 902.8 0.96 17.2 3 (19)WEEKLY **GRAB** (26)DISSOLVED (AS CR) MEASUREMENT 01220 R 0 0 PERMIT 0.1700 0.5100 REPORT REPORT LBS/DAY MG/L WEEKLY **GRAB** SEE COMMENTS REQUIREMENT MO AVG **DAILY MAX** MO AVG **DAILY MAX** ***** SAMPLE TETRACHLOROETHYLENE 0.019 +++++ 0 0.00027 0 MONTHLY GRAB (19)(26)**MEASUREMENT** ***** ***** 34475 R 0 0 **PERMIT** 1.2900 REPORT **REPORT** LBS/DAY MG/L **MONTHLY GRAB** SEE COMMENTS REQUIREMENT **DAILY MAX DAILY MAX** MO AVG ***** NAPHTHALENE SAMPLE 0.007 0.00010 (26)(19)0 MONTHI Y GRAB **MEASUREMENT** ***** ***** 34696 R 0 0 **PERMIT** ***** REPORT 0.8600 LBS/DAY MG/L MONTHLY **GRAB** REQUIREMENT SEE COMMENTS **DAILY MAX** DAILY MAX NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under my **TELEPHONE** DATE direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons Joseph E. Hanning who manage the system, or those persons directly responsible for gathering the information the 219 888-4500 5 21 17

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

INDUSTRIAL MAJOR PORTAGE/PORTER COUNTY

DAY

YEAR

Manager Environmental Control

TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE

OFFICER OR AUTHORIZED AGENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved OMB No. 2040-0004 Approval Expires 5-31-98

Major F - Final Effluent

U.S. STEEL CORPORATION MIDWEST PLANT 6300 US HWY 12, MS AE-1 Address:

IN 0000337 PERMIT NUMBER

304 A DISCHARGE NUMBER

U.S. STEEL CORP, MIDWEST PLANT Facility:

PORTAGE, IN 46368-1287

Location: PORTAGE, IN 46368-1287 MR MARK HENRY

Attn:

MONITORING PERIOD MO DAY YEAR МО DAY YEAR **FROM** 17 TO 30 17 4

* * * NO DISCHARGE: REVISED: NOTE: Read instructions before completing this form.

PARAMETER		QL	IANTITY OR LOADING			QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAM	ИPLE
PARAWETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TY	/PE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	9.08	11.66	(03)	*****	*****	****	*****	0	DAILY	TO	TALZ
50050 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MAX	MGD	*****	****	****			5 / WEEK	ТОТ	TALZ
TOTAL TOXIC ORGANICS (TTO)	SAMPLE MEASUREMENT	****	NA	(26)	****	****	NA	(19)	0	NA	N	NA
78224 R 0 0 SEE COMMENTS	PERMIT REQUIREMENT	****	REPORT DAILY MAX	LBS/DAY	****	****	REPORT DAILY MAX	MG/L		MONTHLY	CON	MP24
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
NONE	PERMIT REQUIREMENT											
NONE	SAMPLE MEASUREMENT PERMIT											
	REQUIREMENT SAMPLE MEASUREMENT											
NONE	MEASUREMENT PERMIT REQUIREMENT											
NAME/TITLE PRINCIPAL EXECUTIV			t this document and all attac			•	•	1	TELEPHON	E	DATE	
Joseph E. Hanni Manager Environmenta	ng properly who mal Control	y gather and evaluate the anage the system, or thosation submitted is, to the b	ance with a system designer information submitted. Base e persons directly responsible est of my knowledge and but penalties for submitting for knowing violations.	ed on my inquiry on le for gathering the elief, true, accurat	of the persons ne information the te, and complete. I			219	888-4	500 5	21	17
TYPED OR PRINTE	i'	5 <u></u>	g				INCIPAL EXECUTIVE THORIZED AGENT	AREA CODE	NUME	BER MO	DAY	YEAR
COMMENT AND EXPLANATION OF	ANY VIOLATIONS (Do	forence all attachment			•	IND	USTRIAL	MALOE				

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) INTERNAL OUTFALL DISCHARGING TO 004A.

INDUSTRIAL MAJOR PORTAGE/PORTER COUNTY

Name:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004
Approval Expires 5-31-98

Major F - Final Effluent

Address: 6300 US HWY 12, MS AE-1 PORTAGE, IN 46368-1287 IN 0000337 PERMIT NUMBER 500 A

DISCHARGE NUMBER

Facility: U.S. STEEL CORP, MIDWEST PLANT

U.S. STEEL CORPORATION MIDWEST PLANT

Location: PORTAGE, IN 46368-1287 Attn: MR MARK HENRY
 MO DAY YEAR
 MO DAY YEAR

 FROM 4
 1
 17
 TO 4
 30
 17

*** NO DISCHARGE: REVISED: NOTE: Read instructions before completing this form.

PARAMETER		QU	ANTITY OR LOADING			QU	IALITY OR CONC	ENTRATION		NO.	FREQUE	ENCY	SAM	1PLE
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	1 .	AVERAGE	MAXIMUM	UNITS	EX	OF ANAL	YSIS	TY	PE
Temperature, Water Deg. Farenheit	SAMPLE MEASUREMEN	***** T	****	*****	****		42.66	44.71	(15)	0	HOUR	RLY	CON	ITIN
00011 0 0 0 INTAKE MONITORING	PERMIT REQUIREMEN	***** T	****		*****		REPORT MO AVG	REPORT DAILY MAX	°F		HOUR	RLY	CON	ITIN
Temperature, Water Deg. Farenheit	SAMPLE MEASUREMEN	***** T	****	*****	****		57.86	64.95	(15)	0	HOUR	RLY	CON	JTIN
00011 5 0 0 UPSTREAM MONITORING	PERMIT REQUIREMEN		*****		*****		REPORT MO AVG	REPORT DAILY MAX	°F		HOUR	RLY	CON	ITIN
Temperature, Water Deg. Farenheit	SAMPLE MEASUREMEN	***** T	****	*****	*****		58.71	65.87	(15)	0	HOUR	RLY	CON	JTIN
00011 6 4 0 DOWNSTREAM MONITORING	PERMIT REQUIREMEN	***** T	****		****		REPORT MO AVG	*None DAILY MAX	°F		HOUR	RLY	CON	ITIN
Temperature Diff.Between Up/Down Stream Deg. F	SAMPLE MEASUREMEN	***** T	****	*****	*****			1	(15)	0	HOUR	RLY	CAL	CTD
03772 R 0 0 RECEIVING WATER	PERMIT REQUIREMEN	***** T	****		*****			2 DAILY MAX	°F		HOUR	RLY	CAL	CTD
	SAMPLE MEASUREMEN	т												
NONE	PERMIT REQUIREMEN	т												
	SAMPLE MEASUREMEN	Т												
NONE	PERMIT REQUIREMEN	т												
	SAMPLE MEASUREMEN	Т												
NONE	PERMIT REQUIREMEN	Т												
NAME/TITLE PRINCIPAL EXECUTIVE		rtify under penalty of law that ction or supervision in accorda								TELEPHON	JE .		DATE	
Joseph E. Hannin Manager Environmental	g propulation of the propulation	perly gather and evaluate the manage the system, or those rmation submitted is, to the b aware that there are significal sibility of fine or imprisonmen	information submitted. Base e persons directly responsib est of my knowledge and b nt penalties for submitting f	ed on my inquiry o le for gathering th elief, true, accurat	of the persons e information the e, and complete. I				219	888-	4500	5	21	17
TYPED OR PRINTED							OFFICER OR AUT		AREA CODE	NUM	IBER	МО	DAY	YEAR MAJOR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): *Pursuant to Part III.A.6 of NPDES Permit No. IN0000337 "The provisions of paragraph 5 (maximum limits in Temperature Table 2) above shall be inapplicable at any time when the upstream temperature is within 2 degrees F of the maximum limitation for that day"

INDUSTRIAL MAJOR PORTAGE/PORTER COUNTY